和

FEE TRANSMITTAL SHEET (FY 2006) Applicant claims small entity status (see SULF.R. 1.27) METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees Current Claims Prior Extra Fee Fee Paid		entor Art Unit er Name	FEE	Complete if Known 10/645,288 August 20, 2003 Ralph James 2189 Reba I. Elmore 501297.01 CALCULATION (Continued) 3. ADDITIONAL FEES					
Applicant claims small entity status (see 30.F.R. 1.27) METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and redit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Filing D First Inv Group A Examine Atty. Doo Large Entity Fee	entor Art Unit er Name cket Num Small Entity	FEE	August 20, 2003 Ralph James 2189 Reba I. Elmore 501297.01 CALCULATION (Continued)					
Applicant claims small entity status (see 30.F.R. 1.27) METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and redit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	First Inv Group A Examine Atty. Doe Large Entity Fee	entor Art Unit er Name cket Num Small Entity	FEE	Ralph James 2189 Reba I. Elmore 501297.01 CALCULATION (Continued)					
Applicant claims small entity status (see 30.F.R. 1.27) METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and redit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Group A Examina Atty. Doo Large Entity Fee	Art Unit er Name cket Num Small Entity	FEE	2189 Reba I. Elmore 501297.01 CALCULATION (Continued)					
Applicant claims small entity status (see 30 C.F.R. 1.27) METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Examina Atty. Doo	er Name cket Num Small Entity	FEE	Reba I. Elmore 501297.01 CALCULATION (Continued)					
METHOD OF PAYMENT (Check One) METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and redit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Large Entity Fee	Small Entity	FEE	501297.01 CALCULATION (Continued)					
METHOD OF PAYMENT (Check One) METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Large Entity Fee	Small Entity	FEE	CALCULATION (Continued)					
METHOD OF PAYMENT (Check One) X The Director is hereby authorized to charge any additional fee equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and redit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Entity Fee	Small Entity							
equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Entity Fee	Entity	Fee	3. ADDITIONAL FEES					
equired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP. Check Enclosed. Extra Claim Fees	Entity Fee	Entity	Fee		3. ADDITIONAL FEES				
Extra Claim Fees	50		Entity Entity Fee Description Fee paid						
		25	COVE	Surcharge - late provisional filing fee or cover sheet					
O State Olation - Bridge - Free Boild	130	65		Surcharge – Late nonprovisional filing fee or oath					
	180	180		mission of IDS	\$				
Ind. 7 - 7 = 0 x \$ = \$0	40	40		ording each patent assignment per perty (times number of properties)	\$				
Multiple Dependent Claims x \$ = \$ Subtotal (Extra Claims) \$ 0	120	60		ension for reply within first month	\$				
oubtotal (Extra Glainis) \$10	450	225		ension for reply within second month	\$				
Petition Fee Under 37 CFR 1.17(f), (g), & (h)	1,020	510	Exte	ension for reply within third month	\$				
Enclosed is a Petition filed under 37 CFR as indicated below:	1,590	795	Exte	ension for reply within fourth month	\$				
Petition Fee under 37 CFR 1.17(f) Fee \$400 § 1.53(e) to accord a filing date.	2,160	1,080	Exte	ension for reply within fifth month	\$				
§ 1.57(a) to accord a filing date. § 1.182 for decision on a question not provided for.	790	395	Sub	mission After Final 1.129	\$				
§ 1.183 to suspend the rules. § 1.378(e) for reconsideration of decision on petition refusing delayed	500	250	Noti	ce of Appeal	\$				
payment of maintenance fee in expired patent.	500	250	Filin	g a brief in support of an appeal	\$				
§ 1.174(b) to accord a filing date to an application under §1.740 for extension of patent term.	1,000	500	Req	uest for oral hearing	\$				
Petition Fee under 37 CFR 1.17(g) Fee \$200	130	65	Terr	minal Disclaimer Fee	\$				
§ 1.12 for access to an assignment record. § 1.14 for access to an application.	800	400		ign Issue Fee	\$				
§ 1.47 for filing by other than all inventors or person not the inventor. § 1.59 for expungement of information.	790	395	Req (RC	uest for Continued Examination	\$				
§ 1.103(a) to suspend action in an application. § 1.136(b) for review of a request for ext. of time when §1.136(a) not avail.	130		Req	uest for voluntary publication or	\$				
§ 1.295 for review of refusal to publish a statutory invention registration. § 1.296 to withdraw a req. for pub. after notice of intent to publish issued.	500	250		ublication tion to Revive – unavoidable					
§ 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.	1,500	750	Peti	tion to Revive – unintentional					
§ 1.550(c) for request for ext. of time in <u>ex parte</u> reexam. proceedings. § 1.956 for request for ext. of time in <u>ex parte</u> reexam. proceedings.	200			g for patent term adjustment					
§ 5.12 for expedited handling of foreign filing license. § 5.15 for changing the scope of a license.	400			uest for reinstatement of term	\$				
§ 1.5.25 for retroactive license.	1,120			uced ension of term of patent	\$				
Petition Fee under 37 CFR 1.17(h) Fee \$130 § 1.19(g) to request documents in a form other than provided in this part. § 1.84 for accepting color drawings or photographs.	OTHER (specify			or paron	\$				
§ 1.91 for entry of a model or exhibit. § 1.102(d) to make an application special. § 1.138(c) to expressly abandon an application to avoid publication.	(5,550.1)			Subtotal (Additional Fees)	\$0				
§ 1.313 to withdraw an application from issue. § 1.314 to defer issuance of a patent.				Total Amount of Payment:	\$0				
Submitted by:									
CUSTOMER NUMBER DORSEY & WHITNEY LLP 27,076	1420 Fifth Avenue, Suite 3400 Seattle, WA 98101-4010 (206) 903-8800 phone / (206) 903-8820 fax								
Name: Kimton N. Eng	1 (20	, 222 000	. د	Reg. No.: 43,605					
			-	Date:					
Signature: Kundane				1 1 1	06				
\Clients\Micron Technology\1200\501297.01\501297.01 fee trans sheet an doc	· 			(/					





I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents,

P-Q. Box 1450, Alexandria, VA 22313-1450.

Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/645,288

Confirmation No. : 7179

Applicant : Ralph James

Filed : August 20, 2003

: 2189

Attorney Docket No.: 501297.01

Customer No.

: 27,076

Examiner : Reba I. Elmore

Art Unit

Title

Exammei . Reda i. Emiore

: METHOD AND SYSTEM FOR CAPTURING AND BYPASSING MEMORY

TRANSACTIONS IN A HUB-BASED MEMORY SYSTEM

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

Please amend the above-captioned patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 17 of this paper.